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#17	Search **d4z4 evolution**	11:36:19	5
#16	Search **d4z4 and 4q35**	11:36:09	52
#15	Search **d4z4 and 4q 35**	11:36:06	5
#14	Search **d4z4**	11:35:58	78
#12	Search **4q35**	11:03:55	244

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up rem l5
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, DGENE, DRUGMONOG2,
FOREGE, GENBANK, IMSPRODUCT, IMSRESEARCH, KOSMET, NUTRACEUT, PCTGEN, PHAR,
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L7           19 DUP REM L5 (48 DUPLICATES REMOVED)

=> d L7 1-19 bib

L7    ANSWER 1 OF 19  BIOENG  COPYRIGHT 2007 CSA on STN DUPLICATE 1
AN    2006021439   BIOENG
DN    6718654
TI    Facioscapulohumeral muscular dystrophy in mice overexpressing
      FRG1
AU    Gabellini, Davide; D'Antona, Giuseppe; Moggio, Maurizio; Prelle,
      Alessandro; Zecca, Chiara; Adami, Raffaella; Angeletti, Barbara; Ciscato,
      Patrizia; Pellegrino, Maria Antonietta; Bottinelli, Roberto; Green,
      Michael R; Tupler, Rossella
CS    Howard Hughes Medical Institute, Programs in Gene Function and Expression
      and Molecular Medicine, University of Massachusetts Medical School,
      Worcester, Massachusetts 01605, USA, [mailto:rossella.tupler@umassmed.edu
      ]
SO    Nature [Nature]. Vol. 439, no. 7079, pp. 973-977. 23 Feb 2006.
      Published by: Nature Publishing Group, The Macmillan Building 4 Crinan
      Street London N1 9XW UK, [mailto:feedback@nature.com],
      [URL:http://www.nature.com/]
      ISSN: 0028-0836
DT    Journal
LA    English
SL    English
OS    CSA Neurosciences Abstracts; Genetics Abstracts

L7   ANSWER 2 OF 19  CAPLUS  COPYRIGHT 2007 ACS on STN DUPLICATE 2
AN   2005:220004  CAPLUS
DN   142:291440
TI   Methods for identifying activators of D4Z4 recognition complex,
     YY1, HMGB2 and nucleolin for treatment of facioscapulohumeral muscular
     dystrophy
IN   Tupler, Rossella G.; Green, Michael R.; Gabellini, Davide
PA   USA
SO   U.S. Pat. Appl. Publ., 42 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     --------------      ----   --------    --------------------    --------
PI   US 2005054012        A1    20050310    US 2003-686491          20031014
     WO 2005037231        A2    20050428    WO 2004-US34462         20041014
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG
PRAI US 2002-418024P      P     20021011
     US 2003-686491       A     20031014
```

L7 ANSWER 3 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2005:198447 BIOSIS
DN PREV200500190521
TI The D4Z4 repeat-mediated pathogenesis of facioscapulohumeral muscular dystrophy.
AU van der Maarel, Silvere M. [Reprint Author]; Frants, Rune R.
CS Med CtrCtr Human and Clin Genet, Leiden Univ, NL-2333 AL, Leiden, Netherlands
maarel@lumc.nl
SO American Journal of Human Genetics, (March 2005) Vol. 76, No. 3, pp. 375-386. print.
CODEN: AJHGAG. ISSN: 0002-9297.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 25 May 2005
Last Updated on STN: 25 May 2005

L7 ANSWER 4 OF 19 MEDLINE on STN
AN 2005218599 MEDLINE
DN PubMed ID: 15853025
TI First facioscapulohumeral muscular dystrophy prenatal diagnosis in a Bulgarian family.
AU Buzhkov B Ts; Vuzharova R; Dimitrova V; Dimova I; Turnev I; van der Wielen M; van der Maarel S; Bakker B
SO Akusherstvo i ginekologii a, (2005) Vol. 44, No. 2, pp. 30-3.
Journal code: 0370455. ISSN: 0324-0959.
CY Bulgaria
DT (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LA Bulgarian
FS Priority Journals
EM 200505
ED Entered STN: 29 Apr 2005
Last Updated on STN: 27 May 2005
Entered Medline: 26 May 2005

L7 ANSWER 5 OF 19 USPATFULL on STN DUPLICATE 3
AN 2004:50778 USPATFULL
TI Gene expression in bladder tumors
IN Orntoft, Torben F., Aabyhoj, DENMARK
PI US 2004038207 A1 20040226
US 6936417 B2 20050830
AI US 2001-951968 A1 20010914 (9)
RLI Division of Ser. No. US 2000-510643, filed on 22 Feb 2000, UNKNOWN
DT Utility
FS APPLICATION
LREP BANNER & WITCOFF, 1001 G STREET N W, SUITE 1100, WASHINGTON, DC, 20001
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 15 Drawing Page(s)
LN.CNT 28561
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 19 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:237731 SCISEARCH
GA The Genuine Article (R) Number: 800JT
TI Molecular basis of facioscapulohumeral muscular dystrophy
AU Tupler R (Reprint); Gabellini D
CS Univ Massachusetts, Sch Med, Program Gene Funct & Express, Lazare Med Res Bldg, 364 Plantat St, Rm 660, Worcester, MA 01605 USA (Reprint); Univ Massachusetts, Sch Med, Program Gene Funct & Express, Worcester, MA 01605 USA; Univ Pavia, I-27100 Pavia, Italy

CYA USA; Italy
SO CELLULAR AND MOLECULAR LIFE SCIENCES, (MAR 2004) Vol. 61, No. 5, pp. 557-566.
ISSN: 1420-682X.
PB BIRKHAUSER VERLAG AG, VIADUKSTRASSE 40-44, PO BOX 133, CH-4010 BASEL, SWITZERLAND.
DT General Review; Journal
LA English
REC Reference Count: 70
ED Entered STN: 19 Mar 2004
Last Updated on STN: 19 Mar 2004
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L7 ANSWER 7 OF 19 MEDLINE on STN
AN 2004534031 MEDLINE
DN PubMed ID: 15504910
TI The 4q subtelomere harboring the FSHD locus is specifically anchored with peripheral heterochromatin unlike most human telomeres.
AU Tam Rose; Smith Kelly P; Lawrence Jeanne B
CS Department of Cell Biology, University of Massachusetts Medical School, Worcester, MA 01655, USA.
NC GM 68138 (NIGMS)
SO The Journal of cell biology, (2004 Oct 25) Vol. 167, No. 2, pp. 269-79.
Journal code: 0375356. ISSN: 0021-9525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200412
ED Entered STN: 27 Oct 2004
Last Updated on STN: 19 Dec 2004
Entered Medline: 6 Dec 2004

L7 ANSWER 8 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
DUPLICATE 4
AN 2004:9067 BIOSIS
DN PREV200400000121
TI Testing the position-effect variegation hypothesis for facioscapulohumeral muscular dystrophy by analysis of histone modification and gene expression in subtelomeric 4q.
AU Jiang, Guanchao; Yang, Fan; van Overveld, Petra G. M.; Vedanarayanan, Vettaikorumakankav; van der Maarel, Silvere; Ehrlich, Melanie [Reprint Author]
CS Human Genetics Program and Department of Biochemistry, Tulane Medical School, New Orleans, LA, 70112, USA
ehrlich@tulane.edu
SO Human Molecular Genetics, (15 November 2003) Vol. 12, No. 22, pp. 2909-2921. print.
ISSN: 0964-6906 (ISSN print).
DT Article
LA English
ED Entered STN: 17 Dec 2003
Last Updated on STN: 17 Dec 2003

L7 ANSWER 9 OF 19 MEDLINE on STN
AN 2003342372 MEDLINE
DN PubMed ID: 12874395
TI D4F104S1 deletion in facioscapulohumeral muscular dystrophy: phenotype, size, and detection.
AU Lemmers R J L F; Osborn M; Haaf T; Rogers M; Frants R R; Padberg G W; Cooper D N; van der Maarel S M; Upadhyaya M
CS Department of Human Genetics, Center for Human and Clinical Genetics, Leiden, The Netherlands.
SO Neurology, (2003 Jul 22) Vol. 61, No. 2, pp. 178-83.

Journal code: 0401060. E-ISSN: 1526-632X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200404
ED Entered STN: 23 Jul 2003
Last Updated on STN: 28 Apr 2004
Entered Medline: 27 Apr 2004

L7 ANSWER 10 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2003:153603 BIOSIS
DN PREV200300153603
TI Increasing D4Z4 repeat copy number compromises C2C12 myoblast differentiation.
AU Yip, Darren J.; Picketts, David J. [Reprint Author]
CS Molecular Medicine Program, Ottawa Health Research Institute, 501 Smyth Road, Ottawa, ON, K1H 8L6, Canada
dpicketts@ohri.ca
SO FEBS Letters, (27 February 2003) Vol. 537, No. 1-3, pp. 133-138. print.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 26 Mar 2003
Last Updated on STN: 26 Mar 2003

L7 ANSWER 11 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 5
AN 1999:124876 BIOSIS
DN PREV199900124876
TI Recent amplification of the human FRG1 gene during primate evolution.
AU Grewal, Prabhjit K.; Van Geel, Michel; Frants, Rune R.; De Jong, Pieter; Hewitt, Jane E. [Reprint author]
CS Div. Genet., Queen's Med. Cent., Nottingham Univ., Nottingham NG7 2UH, UK
SO Gene (Amsterdam), (Feb. 4, 1999) Vol. 227, No. 1, pp. 79-88. print.
CODEN: GENED6. ISSN: 0378-1119.
DT Article
LA English
ED Entered STN: 17 Mar 1999
Last Updated on STN: 17 Mar 1999

L7 ANSWER 12 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 6
AN 2000:2314 BIOSIS
DN PREV200000002314
TI The FSHD region on human chromosome 4q35 contains potential coding regions among pseudogenes and a high density of repeat elements.
AU van Geel, M.; Heather, L. J.; Lyle, R.; Hewitt, J. E.; Frants, R. R.; de Jong, P. J. [Reprint author]
CS Department of Cancer Genetics, Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY, 14263, USA
SO Genomics, (Oct. 1, 1999) Vol. 61, No. 1, pp. 55-65. print.
CODEN: GNMCEP. ISSN: 0888-7543.
DT Article
LA English
OS Genbank-AF146191; EMBL-AF146191; Genbank-U85056; EMBL-U85056; Genbank-U89471; EMBL-U89471
ED Entered STN: 23 Dec 1999
Last Updated on STN: 31 Dec 2001

L7 ANSWER 13 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 7

AN 1997:319965 BIOSIS
DN PREV199799610453
TI The mouse homolog of FRG1, a candidate gene for FSHD, maps proximal to the myodystrophy mutation on chromosome 8.
AU Grewal, Prabhjit K.; Van Deutekom, Judith C. T.; Mills, Kate A.; Lemmers, Richard J. L. F.; Mathews, Kathy D.; Frants, Rune R.; Hewitt, Jane E. [Reprint author]
CS Sch. Biol. Sci., Univ. Manchester, 3.239 Stopford Build., Oxford Road, Manchester M13 9PT, UK
SO Mammalian Genome, (1997) Vol. 8, No. 6, pp. 394-398. CODEN: MAMGEC. ISSN: 0938-8990.
DT Article
LA English
ED Entered STN: 26 Jul 1997
Last Updated on STN: 26 Jul 1997

L7 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 8
AN 1997:74740 CAPLUS
DN 126:127617
TI Localization of the cell death genes CPP32 and Mch-2 to human chromosome 4q
AU Nasir, J.; Theilmann, J. L.; Chopra, V.; Jones, A. M.; Walker, D.; Rasper, D. M.; Vaillancourt, J. P.; Hewitt, J. E.; Nicholson, D. W.; Hayden, M. R.
CS Department of Medical Genetics and Centre for Molecular Medicine & Therapeutics (CMMT), University of British Columbia, Vancouver, BC, V6T 1Z4, Can.
SO Mammalian Genome (1997), 8(1), 56-59 CODEN: MAMGEC; ISSN: 0938-8990
PB Springer
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 19 BIOTECHNO COPYRIGHT 2007 Elsevier Science B.V. on STN DUPLICATE
AN 1997:27122411 BIOTECHNO
TI Molecular genetics of facioscapulohumeral muscular dystrophy.(FSHD)
AU Fisher J.; Upadhyaya M.
CS M. Upadhyaya, Institute of Medical Genetics, University of Wales, College of Medicine, Cardiff CF4 4XN, United Kingdom.
SO Neuromuscular Disorders, (1997), 7/1 (55-62), 69 reference(s) CODEN: NEDIEC ISSN: 0960-8966.
PUI S0960896696004002
DT Journal; Article
CY United Kingdom
LA English
SL English

L7 ANSWER 16 OF 19 DGENE COPYRIGHT 2007 The Thomson Corp on STN
AN ADY54205 DNA DGENE
TI Identifying candidate therapeutic compounds for treating facioscapulohumeral muscular dystrophy, by contacting D4Z4 binding element with test compound, and determining interaction between test compound and D4Z4 binding element.
IN Tupler R G; Green M R; Gabellini D
PA (TUPL-I) TUPLER R G.
(GREE-I) GREEN M R.
(GABE-I) GABELLINI D.
PI US 2005054012 A1 20050310 42
AI US 2003-686491 20031014
PRAI US 2002-418024P 20021011
DT Patent

LA English
OS 2005-221928 [23]
DESC Human FRG1 quantitative PCR primer FRG1-1rb.

L7 ANSWER 17 OF 19 DGENE COPYRIGHT 2007 The Thomson Corp on STN
AN ADY54204 DNA DGENE
TI Identifying candidate therapeutic compounds for treating facioscapulohumeral muscular dystrophy, by contacting D4Z4 binding element with test compound, and determining interaction between test compound and D4Z4 binding element.
IN Tupler R G; Green M R; Gabellini D
PA (TUPL-I) TUPLER R G.
(GREE-I) GREEN M R.
(GABE-I) GABELLINI D.
PI US 2005054012 A1 20050310 42
AI US 2003-686491 20031014
PRAI US 2002-418024P 20021011
DT Patent
LA English
OS 2005-221928 [23]
DESC Human FRG1 quantitative PCR primer FRG1-1f.

L7 ANSWER 18 OF 19 DGENE COPYRIGHT 2007 The Thomson Corp on STN
AN ADY54207 DNA DGENE
TI Identifying candidate therapeutic compounds for treating facioscapulohumeral muscular dystrophy, by contacting D4Z4 binding element with test compound, and determining interaction between test compound and D4Z4 binding element.
IN Tupler R G; Green M R; Gabellini D
PA (TUPL-I) TUPLER R G.
(GREE-I) GREEN M R.
(GABE-I) GABELLINI D.
PI US 2005054012 A1 20050310 42
AI US 2003-686491 20031014
PRAI US 2002-418024P 20021011
DT Patent
LA English
OS 2005-221928 [23]
DESC Human FRG1 RT-PCR primer FRG1-1rb.

L7 ANSWER 19 OF 19 DGENE COPYRIGHT 2007 The Thomson Corp on STN
AN ADY54206 DNA DGENE
TI Identifying candidate therapeutic compounds for treating facioscapulohumeral muscular dystrophy, by contacting D4Z4 binding element with test compound, and determining interaction between test compound and D4Z4 binding element.
IN Tupler R G; Green M R; Gabellini D
PA (TUPL-I) TUPLER R G.
(GREE-I) GREEN M R.
(GABE-I) GABELLINI D.
PI US 2005054012 A1 20050310 42
AI US 2003-686491 20031014
PRAI US 2002-418024P 20021011
DT Patent
LA English
OS 2005-221928 [23]
DESC Human FRG1 RT-PCR primer FRG-1f.

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